

**Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities**

Letting:	CT200226	Call Order: 012	Proposal: T4550	District:04
Counties:	PALM BEACH			
Road Name:	FIBER OPTIC COMMUNICATION CABLE			
Limits:	VARIOUS LOCATIONS AS LISTED IN PLANS			
Project(s):	43689715201(*)	Federal Aid No: D420014B		
Total Roadway Length:	17.202 Miles	Contract Days:	216	
Total Bridge Length:	0.000 Miles	Letting Date:	02/26/20	
Total Proposal Length:	17.202 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	15 Calendar Days	
Proposal Budget Estimate:	\$1,702,299.00			

Please read the full advertisement

Description:

The improvements under this contract consist of , but not limited to, installation of fiber optic cable within existing conduits, installation of three local hub sites, and installation of six closed circuit television (CCTV) cameras to be connected to the traffic management center, including any necessary repairs to sections of damaged conduit, along four separate segments totaling 22 miles of corridor throughout Palm Beach County, Florida.

Call Order: 012 Proposal: T4550

ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (43689715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43689715201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	7,128.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	7,707.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	432.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	216.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	216.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	63.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	692.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	600.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	96.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43689715201)	LS	1.000
Section 0002 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	685.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	21,240.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	135.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	105.000
	0630- 2- 65	CONDUIT, REMOVE, BRIDGE MOUNT	LF	105.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	4,700.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	115,415.000
	0633- 1-610	FIBER OPTIC CABLE, REMOVE, OVERHEAD	LF	1,290.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	13,365.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	792.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	18.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	67.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	504.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	23.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	42.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	780.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	114.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	48.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	55.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	22.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	2.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	6.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	22.000
	0684- 1- 6	MANAGED FIELD ETHERNET SWITCH, REMOVE- CABINET TO REMAIN	EA	5.000